

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Daniel R. Deaver and David A. Edwards

Serial No.: Continuation of 10/120,940 Art Unit: Not Yet Assigned

Filed: November 19, 2003 Examiner: Not Yet Assigned

For: *COMPOSITIONS AND METHODS FOR ENHANCING RECEPTOR-MEDIATED CELLULAR INTERNALIZATION*

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56 and 37 C.F.R. §1.97, Applicants submit an Information Disclosure Statement, including three (3) pages of Form PTO-1449. The documents cited below were cited by or submitted to the Patent Office in Application Serial No. 10/120,940, filed April 10, 2002, to which the present application claims priority. Pursuant to 37 C.F.R. §1.98(d), Applicants are not enclosing copies of these publications. Copies will be provided upon request, however.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) prior to a first Office Action on the merits. It is believed that no fee is required with this submission. However, should a fee be required, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 50-1868.

U.S. Patents

<u>Number</u>	<u>Issue Date</u>	<u>Patentee</u>	<u>Class/Subclass</u>
4,013,792	03-22-1977	Eichman et al.	424/181
4,383,993	05-17-1983	Hussain et al.	424/239
4,810,503	03-07-1989	Carson et al.	424/76.3
5,258,499	11-02-1993	Knoigsberg et al.	530/351
5,766,620	06-16-1998	Heiber et al.	424/436

Foreign Documents

<u>Number</u>	<u>Publication Date</u>	<u>Patentee</u>	<u>Country</u>
WO 92/11037 A2	07-09-1992	Advanced Magnetics Inc.	PCT
WO 94/00155 A1	01-06-1994	Monterese S.R.L.	PCT
WO 97/32572 A2	09-12-0997	The Penn State Research Foundation	PCT
1,090,492 A	11-08-1967	Merck & Co. Inc.	GB

Publications

BARZU, et al., "Endothelial binding sites for heparin. Specificity and role in heparin neutralization," *Biochem J.* 238(3):847-54 (1986).

Polymeric Amines and Ammonium Salts, (Goethals, ed.) (Pergamen Press, Elmsford, NY, 1980).

DEAVER, et al., "Effects of domperidone and thyrotropin-releasing hormone on secretion of luteinizing hormone and prolactin during the luteal phase and following induction of luteal regression in sheep," *Domes. Amin. Endocrinol.* 4(2):95-102 (1987).

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EDWARDS, et al., "The nucleation of receptor-mediated endocytosis," *PNAS USA* 93(5):1786-91 (1996).

EVANS & YEUNG, "Apparent viscosity and cortical tension of blood granulocytes determined by micropipet aspiration," *Biophys J* 56(1):151-60 (1989).

GOLDSTEIN, et al., "Receptor-mediated endocytosis: concepts emerging from LDL receptor system," *Annu Rev Cell Biol* 1:1-39 (1985).

ILLUM, et al., "Bioadhesive microspheres as a potential nasal drug delivery system," *Int J Pharm* 39:189-199 (1987).

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WRIGHT & DETMERS, "Receptor-mediated phagocytosis" in The Lung: Scientific Foundations (Crystal, et al., eds.), pp. 539-49 (Ravens Press, Ltd., New York, NY (1991).

Remarks

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicants are of the opinion that their claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,

Rivka D. Monheit
Reg. No. 48,731

Dated: November 19, 2003

HOLLAND & KNIGHT LLP
One Atlantic Center
1201 West Peachtree Street, N.E.
Suite 2000
Atlanta, Georgia 30309-3400
404-817-8514
FAX 404-817-8588
www.hklaw.com

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	Continuation of 10/120,940		
		Filing Date	November 19, 2003		
		First Named Inventor	Daniel R. Deaver		
		Group Art Unit			
		Examiner Name			
Sheet	1	of	3	Attorney Docket Number	PSU 1813 CON (2)

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		4,013,792		Eichman et al.	03-22-1977	
		4,383,993		Hussain et al.	05-17-1983	
		4,810,503		Carson et al.	03-07-1989	
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		WO	97/32572	A2	The Penn State Research	09-12-0997		
		GB	1,090,492	A	Merck & Co. Inc. Foundation	11-08-1967		

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OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		BARZU, et al., "Endothelial binding sites for heparin. Specificity and role in heparin neutralization," <i>Biochem J.</i> 238(3):847-54 (1986).	
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